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## Angular 5 format date to string

I have a new angle and looking to format the date component ngOnInit method. I've seen some examples where the pipe operator is used to format the data, but I don't know how to format the date component file. below is the code export class DashboardComponent implements OnInit { formatdate = dd/MM/yyyy; constructor(private auth: AuthService) { } ngOnInit() { console.log(new Date()) } } In this article, we are going to take a look at some ways to format the data Angular without a third party library. The #1: PipesPipes can be used to format data, such as dates, currencies, percentages, and more. They are intended for use in HTML templates. Here's a simple example where I format the date. In my part of the class, I have: And then in my template, I would use: The above code applies the date of the pipe input date, in our case now. In this particular example, an angle would use its default date format to return a formatted date. This is something you can fully customize by using one of the many available formatting options. Here I just show a 4-digit year, for example: Here's a raw date melted and a pipe formatted one: The angle framework has many different pipes you can use. The full list can be found here. #2: FeaturesThe function can also be used to format functions in typescript code, not pipe deponaate in your templates if necessary. Using these features is just a @angular/reguler import issue and calling with the right parameters. For example: the signature of these features is very similar to the parameters used in the pipes: the similarity between the pipes and these features makes a lot of sense when we take a look down the hood: Angular Pipes indeed use these features to format the data: an interesting point is that most of these features are required as a locale parameter to know how to format data based on your location. You can pass that locale as I used to (en-US in English in the United States) or you can inject one by your application, which is best practice: You will find side by side comparison using pipes and formatting features along with some more examples of the followingStackblitz: My name is Alain Chautard. I am a Google Developer Expert angular, as well as a founding consultant and trainer at Angular Training, where I help development teams learn and become proficient in Angular. Need help with Angular? Let's take some time to talk. I'm offering guidance and on-site training. If you liked this post, please clap it or share it. Your help is always appreciated. In this article, we can find out about the date of the angle format by using square-built date formats and custom date formats. To do this, we use the angle date pipe. If you want to learn more about how angular tubes work and how to create Custom Pipes will feel free to read our article on this. Angular Format Date using the built-in date and time formatsAngular offers a lot of built-in format that we can use to format our dates easily. Lets take a look at some of the examples here. We have a home component where we have created a variable called now that contains the current date time. Now we apply an angle date on top of the pipe that formats our date like this. @Component({name: home, template: &lt;div&gt;{{ now | date }}&lt;/div&gt;', // output: March 16, 2019 }) Export class HomeComponent { now = Date.now(); } Angle short FormatLets take a look at the angle of the date time format, which shows us the date and time of both. To do this, we need to pass the argument on a short to angle date tube that shows the next output. @Component({name: home, template: &lt;div&gt;{{now | date: short }}&lt;/div&gt;', // output: 3/16/19, 23:28 PM }) export class HomeComponent { now = Date.now(); } Angle medium FormatLets take a look at the second angle of the date time format, which shows us the date and time of both. This time, it also contains the name of the moon. It also adds seconds of time. To do this, we need to pass the argument with a mid to angle date tube that shows the following output. @Component({name: home, template: &lt;div&gt;{{now | date: 'average' }}&lt;/div&gt;', // output: March 16, 2019, 11:29:26 PM }) export class HomeComponent { now = Date.now(); } Angle-long FormatLets take a look at the second angle of the date time format, which shows us the date and time of both. This time, it also includes your time zone. To do this, we need to pass the argument of a long to angle date tube that shows the next output. @Component({ name: home, template: &lt;div&gt;{{now | date: long }}&lt;/div&gt;', // output: March 16, 2019 at 11:31:07 PM GMT + 5 }) export class HomeComponent { now = Date.now(); } Angle full FormatLets take a look at another form that shows us the date and time of both. This time it also includes the day of the week. To do this, we need to pass an argument with a full angular date pipe that shows the next output. @Component({ name: home, template: &lt;div&gt;{{ now | date: full }}&lt;/div&gt;', // output: Saturday, 16 March 2019 at 11:32:20 PM GMT +05:00 }) Export Class HomeComponent { now = Date.now(); } Angle shortDate FormatLets take a look at the angle of the date format, which shows us the date only. It's similar to the short that we learned above, but it doesn't show us the time. To do this, we need to forward the shortDate angular date tube argument, which shows the following output. @Component({name: home, template: &lt;div&gt;{{now | date: 'shortDate' }}&lt;/div&gt;', // output: 3/16/19 }) Export Class HomeComponent { now = Date.now(); } Angle mediumDate FormatLets take a look at another format that shows us the date only. It's similar to the medium we learned above, but it doesn't show us the time. To do this, we need to you can use the mediumDate to angle the date pipe that shows the following output. @Component({name: home, template: &lt;div&gt;{{now | date: 'mediumDate' }}&lt;/div&gt;', // output: March 16, 2019 }) export class HomeComponent { now = Date.now(); } Angle longDate FormatLets take a look at another form that shows us the date only. It's similar to the length we learned above, but it doesn't show us the time. To do this, we need to pass the longDate angular date tube argument, which shows the next output. @Component({name: home, template: &lt;div&gt;{{now | date: 'longDate' }}&lt;/div&gt;', // output: March 16, 2019 }) export class HomeComponent { now = Date.now(); } Angle fullDate FormatLets take a look at another angle date format that shows us the date only. It's similar to the full of what we learned above, but it doesn't show us the time. To do this, we need to pass the fullDate angular date tube argument, which shows the following output. @Component({name: home, template: &lt;div&gt;{{now | date: 'fullDate' }}&lt;/div&gt;', // output: Saturday, March 16, 2019 }) Export Class HomeComponent { now = Date.now(); } Angle shorttime formatlets take a look at the angle of the date format, which shows us time only. It's similar to the short that we learned above, but it doesn't show us the date. To do this, we need to pass the shortTime angle of the date tube that shows the following output. @Component({name: home, template: &lt;div&gt;{{now | date: 'shortTime' }}&lt;/div&gt;', // output: 11:53 PM }) export class HomeComponent { now = Date.now(); } Angle mediumTime FormatLets take a look at another form that shows us the time only. It's similar to the medium we learned above, but it doesn't show us the date. To do this, we need to pass the mediumTime argument to the angle of the date pipe that shows the next output. @Component({name: home, template: &lt;div&gt;{{now | date: 'mediumTime' }}&lt;/div&gt;', // output: 11:53:44 PM }) export class HomeComponent { now = Date.now(); } Angle longTime FormatLets take a look at another form that shows us time only. It's similar to the length we learned above, but it doesn't show us the date. To do this, we need to pass the longTime angle of the date pipe that shows the following output. @Component({name: home, template: &lt;div&gt;{{now | date: 'longTime' }}&lt;/div&gt;', // output: 11:53:44 PM GMT + 5 }) export class HomeComponent { now = Date.now(); } Angle fullTime FormatLets take a look at the angle of the date format, which shows us the time only. It's similar to the full of what we learned above, but it doesn't show us the date. To do this, we need to pass the fullTime angle of the date tube that shows the following output. @Component({name: home, template: &lt;div&gt;{{ now | date: fullTime }}&lt;/div&gt;', // output: 11:53:44 PM GMT + 05:00 }) export class HomeComponent { now = Date.now(); } Corner format date by using custom formatsNow we have all built-in formats with an angle to display only dates, only time and date time so. Lets take a look at how we can format the date angle using custom formats. Angle custom date Format Example 1Lets take a look at the angle of the date format that shows us the date. It will show us the year/month/date. To do this, we need to forward the angular date tube of the yyyy/MM/dd argument, which indicates the following output. @Component({name: home, template: &lt;div&gt;{{now | date: yyyy/KK/d }}&lt;/div&gt;', // output: 2019/03/17 }) export class HomeComponent { now = Date.now(); } Angle custom date Format Example 2Lets take a look at the angle of the date format that shows us the date. It shows us the date-month year. To do this, we need to forward the dd-MM-yyyy argument to the angle of the date tube, which indicates the following output. @Component({name: home, template: &lt;div&gt;{{now | date: 'dd-MM-yyyy' }}&lt;/div&gt;', // output: 17-03-2019 }) export class HomeComponent { now = Date.now(); } Angle custom date Format Example 3Lets take a look at the angle of the date format that shows us the date and time of both. It shows us the date-month-year hour: minutes: seconds. To do this, we need to pass the dd-MM-yyyy h:mm:ss angular date tube that indicates the following output. @Component({ name: home, template: &lt;div&gt;{{now | date: 'dd-MM-yyyy h:mm:ss' }}&lt;/div&gt;', // output: 17-03-2019 8:40:20 }) Export Class HomeComponent { now = Date.now(); } The conclusion, that's for now. We have learned how to angular Format Date using angle built-in date formats and custom date formats. For more information about angular Date Pipe, visit the Angular documentation. If you want to know more about how angular pipes work and how to create an angle of Custom Pipes then feel free to read our article on it. What's more, if you have questions, suggestions or something not clear, then I feel that comment and I will do my best to answer you. You.